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UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT Enterprise Energy Efficiency (3E)

IQC Contract # EPP-I-00-03-00004-00

Task Order # 12

USAID 3E Presentation for USAID

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Enterprise Energy Efficiency - 3E Project in Bosnia and Herzegovina

Mak Kamenica
Deputy Chief of Party

January, 2011

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Importance of Energy Efficiency (EE)

- **Climate change – CO2 emission reduction;**
- **Energy security – reduction of energy imports;**
- **Create jobs;**
- **Save money!**



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GDP Percentage Spent on Energy

Statistics for 2008:

- **19% in BiH**
- **6.1% in the USA**
- **4.75% in the EU countries**



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Opportunity for Energy Efficiency in BiH

Statistics for BiH in 2008:

GDP = 11 bn. euro

National energy bill = 2.1 bn. euro (19% GDP)

20% EE increase = 0.42 bn. euro (3.8% GDP)

Money saved!



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3E Project Aims

- Implement 10 Pilot Projects across BiH
 - Train Raiffeisen Bank for support of the EE sector utilizing the DCA facility
 - Help development of bankable project proposals
- Increase public and private sector capacity to implement EE projects
 - Trainings through examples on Pilot Projects
 - Working with local companies on implementation of PP
- Raise public awareness of EE potential
 - Website
 - Media



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PILOT PROJECTS

- **First Pilot Project – Mechanical Engineering Faculty (MEF), Sarajevo**
 - **UNDP is a co-donor**
 - **Commitment letter signed between USAID 3E, UNDP and MEF**
 - **System for Monitoring and Verification installed**
 - **Detailed Energy Audit is being prepared**



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Cooperation with other Donors

- **International Community**
 - **UNDP**
 - **GTZ**
 - **Swiss Caritas**
 - **Others?**



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Events

- **Roundtable for banks in BiH**
 - **10 banks attended**
 - **Challenges of financing energy efficiency projects**
 - **Examples from the region**



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Events

- **Three Kick-off workshops**
 - **Sarajevo 10-14-2010**
 - **Mostar 10-19-2010**
 - **Banja Luka 11-22-2010**





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Events

- **Signing of Letter of Commitment between USAID 3E, UNDP BiH and Mechanical Engineering Faculty in Sarajevo**
 - **Implementation of energy efficiency pilot project at Mechanical Engineering Faculty in Sarajevo**



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Events

- **Memorandum of Understanding Signing between USAID, UNDP and GTZ**
 - **Cooperation on Energy Efficiency in BiH**



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Events

- **Sarajevo Energy Efficiency Knowledge Days**
December 13-16 2010

Day 1:

- **Energy Management in Municipalities, Cities and Cantons**



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Day 2:

Location 1: MEF – Energy Audits, Energy Management and EE Technologies

Location 2: Consumer Associations – Individual Energy Billing a Prerequisite for Energy Efficiency



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Day 3 – Locations around the City:

Location 1: Info Desk – Booklet “20 EE Tips” and Survey of Citizens

Location 2: Faculty of Economics

Location 3: Faculty of Architecture and Civil Engineering

Location 4: Faculty of Electrical Engineering

Location 5: Faculty of Philosophy

Location 6: Chamber of Commerce

Location 7: LUK d.o.o. “Open door days”



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Immediate Next Steps

- **Choose next batch of pilot projects**
- **Commence actual works for MEF pilot project**